

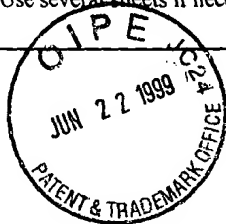
INFORMATION DISCLOSURE STATEMENT

APPLICANTS: ROMANCZYK ET AL

(Use several sheets if necessary)

Filed: April 2nd, 1997

12/10/99



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
Y0	US 4,698,360	10/87	Masquelier	514	456
Y0	US 4,704,292	11/87	Kattenberg	426	565
Y0	US 4,840,966	6/89	Hara et al	514	456
Y0	US 5,391,568	2/95	Chung	514	456
Y0	US 5,527,552	6/96	Todd, jr.	426	541
Y0	US 4,166,861	9/79	Bonati	424	278
Y0	US 5,474,795	12/95	Surber et al	426	660
Y0	US 5,464,649	11/95	St. John et al	426	660
Y0	US 4,810,516	3/89	Kong-Chan	426	548
Y0	US 5,554,645	9/10/96	Romanczyk, jr. et al.	514	453

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
Y0	JP 4-190774	11/26/90	Japan		
Y0	WO 96/19923	7/4/96	Europe		
Y0	WO 96/10404	4/11/96	Europe		

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
Y0	Austin, C.A. et. al. "Site-specific DNA cleavage by mammalian DNA topoisomerase II induced by novel flavone and catechin derivatives," <u>Biochem. J.</u> (1992) 282, 883-889.
Y0	A. Scalbert, "Antimicrobial Properties of Tannins," <u>Phytochemistry</u> , Vol. 30, No. 12, 3875-3883 (1991).
Y0	Chu, S.-C., Hsieh, Y.-S. and Lim, J.-Y., "Inhibitory Effects of Flavonoids on Maloney Murine Leukemia Virus Reverse Transcriptase Activity," <u>J. Natural Products</u> , 55:2, 179-183 (1992).

40	Clapperton, J., Hammerstone, J.F. Jr., Romanczyk, L.J., Chan, Y., Yow, S., Lim, D. and Lockwood, R., "Polyphenols and Cocoa Flavor" - Presented at the XVIth International Conference of the Groupe Polyphenols, Lisbon, Portugal, July 13 - 16, 1992.
40	Designing Foods, "Manipulating Foods to Promote Health," <u>Inform</u> , 4:4 344-369 (1993).
40	Jalal, M.A.F. and Collin, H.A., "Polyphenols of Mature Plant, Seedling and Tissue Cultures of <i>Theobroma Cacao</i> ," <u>Phytochemistry</u> , 6, 1377-80, 1977.
40	Kashiwada, Y., Nonaka, G.-I., Nishioka, I., Lee, K.J.-H., Bori, I., Fukushima, Y., Bastow, K.F., and Lee, K.-H., "Tannins as Potent Inhibitors of DNA Topoisomerase II <i>in vitro</i> ," <u>J. Pharm. Sci.</u> , 82:5, 487-492 (1993).
40	Kato, R., Nakadate, T., Yamamoto, S. and Sugimura, T., "Inhibition of 12-O-tetradecanoylphorbol-13-acetate Induced Tumor Promotion and Ornithine Decarboxylase Activity by Quercetin: Possible Involvement of Lipoxygenase Inhibition," <u>Carcinogenesis</u> , 4, 1301-1305 (1983).
40	Okuda, T., Yoshida, T., and Hatano, T., "Molecular Structures and Pharmacological Activities of Polyphenols - Oligomeric Hydrolyzable Tannins and Others" - Presented at the XVIth International Conference of the Groupe Polyphenols, Lisbon, Portugal, July 13-16, 1992.
40	Paolino, V.J. and Kashket, S., "Inhibition by cocoa extracts of Biosynthesis of Extracellular Polysaccharide by Human Oral Bacteria," <u>Archs. Oral, Biol.</u> 30-4, 359-363 (1985).
40	"Phenolic Compounds in Foods and their Effects on Health II. Antioxidants and Cancer Prevention," Huang, M.-T., Ho, C.-T., and Lee, C.Y. editors, ACS Symposium Series 507, American Chemical Society, Washington, D.C. (1992).
40	"Phenolic Compounds in Foods and their Effects on Health I, Analysis, Occurrence & Chemistry," Ho, C.-T., Lee, C.Y., and Huang, M.-T editors, ACS Symposium Series 506, American Chemical Society, Washington, D.C. (1992).
40	Kolodziej, H., Haberland, C., Woerdenbag, H.J. and Konings, A.W.T., "Moderate Cytotoxicity of Proanthocyanidins to Human Tumour Cell Lines," <u>Phytotherapy Research</u> , 9, 410-415 (1995).
40	Gali, H.U., Perchellet, E.M., Gao, X.M., Karchesy, J.J. and Perchellet, J.P., "Comparison of the Inhibitory Effects of Monomeric, Dimeric, and Trimeric Procyanidins on the biochemical Markers of Skin Tumor Promotion in Mouse Epidermis <i>in vivo</i> ," <u>Planta Med.</u> 60, 235-239 (1994).
40	Czochanska, Z., et al., "Polymeric Proanthocyanidins. Stereochemistry, Structural Units, and Molecular Weight," <u>J. Chem. Soc. Perkin Trans. I</u> , Vol. 10. 2278-2286 (1980).
40	Constantinou, A., et al., "Flavanoids as DNA Topoisomerase Antagonists and Poisons: Structure-Activity Relationships," <u>J. Nat. Prod.</u> 58:2 217-225 (1995).
40	G. Ziegler et al. "Antioxidative Effects of Cocoa," <u>CCB: Review for Chocolate, Confectionery and Baker</u> , December 1983.
40	T. Oosawa, "Antioxidant Activity of Cocoa Extracts," Chocolate and Cocoa Association of Japan, Symposium, September 27, 1995, Outline of Lecture and Translation of presentation.
40	T. Sakane, "Immunoactivity of Cocoa Extracts," Chocolate and Cocoa Association of Japan, Symposium, September 27, 1995, Outline of Lecture and Translation of presentation.
40	A.L. Waterhouse, et al., "Antioxidants in Chocolate," <u>Lancet</u> , Vol. 348, 834 (1996).
40	Stoner, G.D. and Mukhtar, H., "Polyphenols as Cancer Chemopreventive Agents," <u>Journal of Cellular Biochemistry</u> , Supplement 22, 169-180 (1995).
40	Gali, H.U., Perchellet, E.M., Klish, D.S., Johnson, J.M., Perchellet, J.P., "Antitumor-Promoting Activities of Hydrolyzable Tannins in Mouse Skin." <u>Carcinogenesis</u> , 13:4, 715-718 (1992).
40	Tebib, K., Besancon, P. and Rouanet, J.M., "Dietary Grape Seed Tannins Affect Lipoproteins, Lipoprotein Lipases and Tissues Lipids in Rats Fed Hypercholesterolemic Diets," <u>American Institute of Nutrition</u> , 2451-2457 (1994).
40	Teissedre, P.L., Frankel, E.N., Waterhouse, A.L., Peleg, H. and German, J.B., "Inhibition of In Vitro Human LDL Oxidation by Phenolic Antioxidants from Grapes and Wines," <u>J. Sci. Food Agric.</u> , 70, 55-61 (1996).
40	K. Fukushima, "Inhibition of Cariogenicity by Cocoa Extracts," Chocolate and Cocoa Association of Japan, Symposium, September 27, 1995, Outline of Lecture and Translation of presentation.
40	Cook N.C. & Samman, S. "Flavonoids - Chemistry, metabolism, cardioprotective effects and dietary sources" <u>Nutritional Biochemistry</u> 7:66-76, 1996.
40	Haslam, E., "Natural Polyphenols (vegetable tannins) as Drugs: Possible modes of action" <u>J. Nat. Prod.</u> 59:205-215, 1996.
40	N. Osakabe, "Cocoa antioxidant Isolation, Chemical Structure Elucidati Antioxidative Property and Biological Effect," Chocolate and Cocoa Association of Japan, Symposium, September 27, 1995, Outline of Lecture.

EXAMINER	T. A. Solola	DATE CONSIDERED	7-15-99
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			